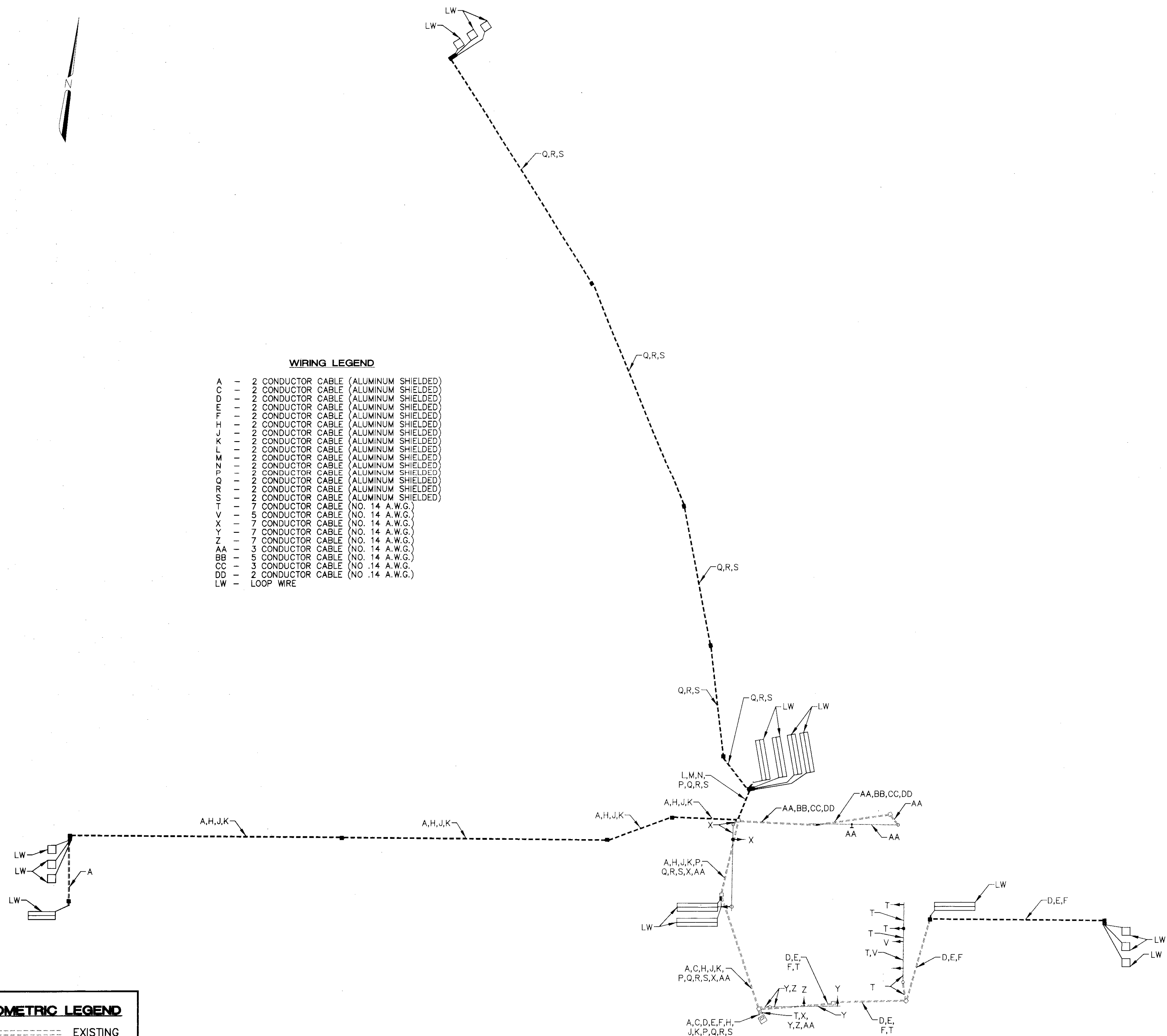


FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.	N/A	4	4



WIRING LEGEND			
A	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
B	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
C	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
D	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
E	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
F	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
G	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
H	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
I	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
J	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
K	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
L	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
M	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
N	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
O	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
P	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
Q	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
R	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
S	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
T	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
V	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
X	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
Y	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
Z	2	CONDUCTOR CABLE	(ALUMINUM SHIELDED)
AA	3	CONDUCTOR CABLE	(NO. 14 A.W.G.)
BB	5	CONDUCTOR CABLE	(NO. 14 A.W.G.)
CC	3	CONDUCTOR CABLE	(NO. 14 A.W.G.)
DD	2	CONDUCTOR CABLE	(NO. 14 A.W.G.)
LW	-	LOOP WIRE	

EQUIPMENT LISTS

A. Equipment to be supplied by S.H.A. and installed by the Contractor.

QUANTITY	UNIT	DESCRIPTION
4	EA	Detector Amplifier 4-Ch. Rack Mount
1	EA	Police Push Button with cable
1	EA	12" one-way, three-section (R, Y, G) traffic signal head having proper adjustable mast arm mounting bracket, balance adjusters and tunnel visors
3	EA	12" one-way, three-section (RA, YA, GA) traffic signal head having proper adjustable mast arm mounting bracket, balance adjusters and tunnel visors
38	SF	Flat sheet aluminum sign with mast arm mounting hardware

B. Equipment to be furnished and installed by the Contractor.

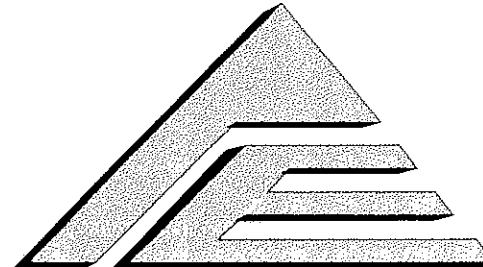
QUANTITY	UNIT	DESCRIPTION
12	EA	Handhole
65	LF	1" liquid tight flexible non-metallic conduit for detector sleeve
140	LF	2" Schedule 80 rigid PVC conduit (slotted)
1250	LF	2" Schedule 40 rigid PVC conduit (trenched)
4800	LF	Loop wire (No. 14 A.W.G.) encased in 1/4" flexible tubing
6800	LF	2-conductor electrical cable (aluminum shielded, No. 14 A.W.G.)
120	LF	2-conductor electrical cable (No. 14 A.W.G.)
650	LF	3-conductor electrical cable (No. 14 A.W.G.)
40	LF	5-conductor electrical cable (No. 14 A.W.G.)
650	LF	7-conductor electrical cable (No. 14 A.W.G.)
1400	LF	Sawcut
1	EA	As-built for Traffic Signal (CAD) Microstation

GEOMETRIC LEGEND

-----	EXISTING
=====	PROPOSED

UTILITY LEGEND

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
=====	STORM DRAIN
— TV —	CABLE TELEVISION
— E —	ELECTRIC CABLES
— T —	TELEPHONE CABLES
— A —	AERIAL CABLES



REVISION "D"

**A/E GROUP, INC.**

ENGINEERS • PLANNERS

11409 Cronhill Drive

Owings Mills, Maryland 21117

A/E Job No. 96-316

REVISIONS	APPROVALS
	CHIEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL \* 16021402.78

DRAWN BY: T. D. ROBERGE

DES. BY: D. WALLACE

CHK. BY:

DATE: NOVEMBER 1981

SCALE: 1" = 20'

F.A.P. NO.

S.H.A. NO. BW964M82

TS/STD. NO. 399 D-GI

SHEET NO. 4 OF 4

MD 214 AT SUMMERFIELD BLVD./RITCHIE ROAD

COUNTY: PRINCE GEORGE'S